



Attorney's Docket No.: 07977-304001

2879  
#3  
7-44-c

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Seo, et al.  
Serial No. : 10/081,558  
Filed : February 20, 2002  
Title : ORGANIC LIGHT EMITTING DEVICE AND DISPLAY DEVICE  
USING THE SAME

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information  
Disclosure Statement and documents listed on form PTO-1449.

This filing is being made before the receipt of a first  
Office action on the merits. No fee is required.

Consideration of the foregoing and enclosures plus the  
return of a copy of the enclosed form PTO-1449 with the  
Examiner's initials in the left column per MPEP 609 are  
earnestly solicited along with an early action on the merits.

RECEIVED  
JUL 17 2002  
TECHNOLOGY CENTER 2800

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being  
deposited with the United States Postal Service as first class mail with  
sufficient postage on the date indicated below and is addressed to the  
Commissioner for Patents, Washington, D.C. 20231.

July 11, 2002  
Date of Deposit

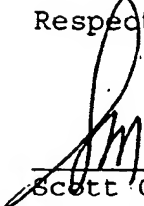
Signature

Jere Halligan  
Typed or Printed Name of Person Signing Certificate

Please apply any additional charges or credits to Deposit  
Account No. 06-1050.

Respectfully submitted,

Date: 7/11/08

  
\_\_\_\_\_  
Scott C. Harris  
Reg. No. 32,030

Fish & Richardson P.C.  
PTO Customer No. 20985  
4350 La Jolla Village Drive, Suite 500  
San Diego, CA 92122  
Telephone: (858) 678-5070  
Facsimile: (858) 678-5099

10197527.doc

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
07977-304001Application No.  
10/081,558Information Disclosure Statement  
by Applicant

(Use several sheets if necessary)

(37 CFR §1.98(b))

JUL 16 2002

Applicant  
Seo, et al.Filing Date  
February 20, 2002

Group Art Unit

## U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5 925 980	Jul 20, 1999	So et al.			
	AB	5 853 905	Dec 29, 1998	So et al.			
	AC	6 130 001	Oct 10, 2000	Shi et al.			
	AD	5 271 089	Dec 14, 1993	Ozawa			
	AE	6 285 039	Sep 4, 2001	Kobori et al.			

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AF	1 065 737	Jan 3, 2001	EPO				
	AG	10-233288	Sep 2, 1998	Japan			Full	
	AH	2001-52870	Feb 23, 2001	Japan			Full	

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AI	✓ Tang et al. "Organic electroluminescent diodes." Applied Physics Letters 51(12): 1987. p. 913-915.
	AJ	✓ Kijima et al. "A blue organic light emitting diode." Jpn. J. Appl. Phys. 38: 1999. p. 5274-5277.
	AK	✓ C. Adachi et al. "Electroluminescence in organic films with three-layer structure." Jpn. J. Appl. Phys. 27(2): 1988. p. L269-L271.
	AL	✓ C.W. Tang et al. "Electroluminescence of doped organic thin films." J. Appl. Phys. 65(9): 1989. p. 3610-3616.
	AM	✓ "New Aspect of Research and Development of Organic EL." M&BE Seminar, Bulletin of Organic Molecular/Bioelectronics Subcommittee, Society of Applied Physics, 11(1): 2000. p. 3-12.
	AN	✓ T. Wakimoto et al. "Organic EL cells using alkaline metal compounds as electron injection materials." IEEE Transactions on Electron Devices 44(8): 1997. p. 1245-1248.
	AO	✓ S.A. Van Slyke et al. "Organic electroluminescent devices with improved stability." Appl. Phys. Lett. 69(15): 1996. p. 2160-2162.
	AP	✓ D.F. O'Brien et al. "Improved energy transfer in electrophosphorescent devices." Appl. Phys. Lett. 74(3): 1999. p. 442-444.
	AQ	✓ T. Tsutsui et al. "High quantum efficiency in organic light-emitting devices with iridium-complex as a triplet emissive center." Jpn. J. Appl. Phys. 38: 1999. p. L1502-L1504.
	AR	✓ T. Tsutsui et al. "The operation mechanism and the light emission efficiency of the organic EL element." Text of the Third Lecture Meeting, Bulletin of Organic Molecular/Bioelectronics Subcommittee, Society of Applied Physics, p. 31-37.
	AS	✓ Kido et al. "Multilayer white light-emitting organic electroluminescent device." Science 367: 1995. p. 1332-1334.

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-304001	Application No. 10/081,558
<b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary)		Applicant Seo, et al.	
		Filing Date February 20, 2002	Group Art Unit

(37 CFR §1.98(b))

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AT	Satoshi Seo et al., U.S. patent application serial no. 10/043,786, filed January 10, 2002
	AU	Satoshi Seo et al., U.S. patent application serial no. 10/043,812, filed January 10, 2002
	AV	Satoshi Seo et al., U.S. patent application serial no. 10/060,427, filed January 29, 2002
	AW	Shunpei Yamazaki et al., U.S. patent application serial no. 10/062,005, filed January 31, 2002
	AX	Satoshi Seo et al., U.S. patent application serial no. 10/072,507, filed February 5, 2002
	AY	Shunpei Yamazaki et al., U.S. patent application serial no. 10/072,310, filed February 5, 2002
	AZ	Shunpei Yamazaki et al., U.S. patent application serial no. 10/081,971, filed February 20, 2002
	AAA	Hirokazu Yamagata et al., U.S. patent application serial no. 09/852,090, filed May 10, 2001.
	ABB	Satoshi Seo et al., U.S. patent application serial no. 10/026,064, filed December 21, 2001.
	ACC	Satoshi Seo et al., U.S. patent application serial no. 10/024,699, filed December 21, 2001.
	ADD	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	